

IR Proximity Sensor

CS-PD115-PAQ

The **ENFORCER** IR Proximity Sensor is a compact sensor that can be programmed to trigger an alarm when an object (such as a valuable possession) is removed from the sensing area or unlock an electronic door lock when an object (such as a hand) is passed in front of the sensor. This flexibility makes the sensor ideal for both anti-theft and access control applications.

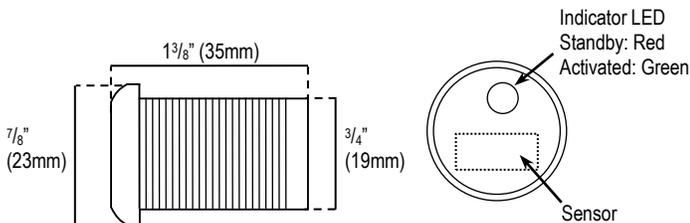
Features:

- Triggers a warning or locking device when the sensor is triggered
- Form C relay output (1A@30VDC)
- Adjustable output time (1~20 s) or toggle mode
- Adjustable sensing range 2"~6" (5~15 cm)
- 12~24 VDC Operation
- Front panel IP65 weatherproof for outdoor use

Specifications:

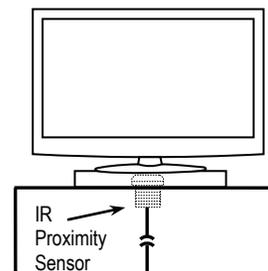
Model	CS-PD115-PAQ	
Type	IR Proximity sensor	
Sensing range	2"~6" (5~15 cm)	
LEDs	Red	Standby
	Green	Triggered
Alarm output	1A@30VDC	
Output time	1~20 s or Toggle	
Operating voltage	12~24 VDC	
Current draw	30mA@12VDC	
Operating life	100,000 Hours or 1,000,000 uses	
Operating temperature	14°~158° F (-10°~70° C)	
Dimensions	1 3/8" x 7/8" x 7/8" (35x23x23 mm)	
Weight	0.35-oz (10g)	

Overview:



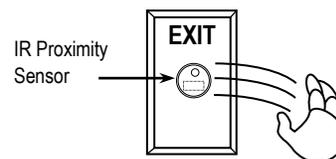
Sample Applications:

Anti-Theft



Place the sensor under a painting or other valuable object. If the object is removed from the sensor, the sensor will trigger an alarm to alert the owner that the item is out of place.

Access Control



Mount the sensor to a wall or plate in a protected area. A user can wave his or her hand in front of the sensor to unlock an electronic door lock, allowing sanitary, protected egress.